

Natural Heritage & Endangered Species Program
 MA Division of Fisheries & Wildlife
 Route 135, Westborough, MA 01581
 (508) 792-7270 x 165

RARE PLANT OBSERVATION FORM

OBSERVER INFORMATION

Observer's Name, Address, and Phone:

Arthur Haines

Woodlot Alternatives, Inc.
 122 Main Street
 Topsham, ME 04086

207-729-1199

Species Scientific Name:

Scirpus pendulus

NHESP Element Occurrence Number (if known):

Observation Date: 6 July 2000

Today's Date: 3 October 2000

LOCATIONAL INFORMATION

a) USGS Quad Name and Series (7.5"x7.5" or 7.5"x15"): East Lee (1:25,000)

County: Berkshire

Town: Lenox

b) Directions to location of observations (please attach USGS map):

From Route 7 and 20, follow Housatonic Street east to a left turn (north) onto Willow Creek Road. Follow this to its end in a rock-lined parking lot. Plants are found just north of parking lot on east side of trail, in a low depression, 30 meters east of pole # 6018. Additional plants found further north at 4-way intersection just south of Willow Creek.

c) Habitat: (plant communities, associated vegetation, physical characteristics, geological features, surrounding land use.

Are other rare species present?)

Seasonally wet field with *Cornus amomum*, *Galium mollugo*, *Carex vulpinoidea*, *Scirpus atrovirens*, *Juncus articulatus*, *Carex scoparia*, *Viburnum dentatum*, *Salix eriocephala*, and *Sparganium angustifolium*.

POPULATION INFORMATION:

Population found? (Y/N):

If No, is population presumed extirpated and why?

If Yes,

Number of mature plants: ca. 15, approximately 75 flowering stems

Number of immature plants:

Number of plants age unknown:

Population area (give unit of measurement): 50 X 5 meters (for main population)

Percent of population:

in leaf:

in bud:

in flower:

with immature fruit:

mature fruit: 100%

senescent:

Observations of floral visitors, fruit dispersers: None observed

Vigor of individuals and population:

Vigorous individuals.

Evidence of expansion or decline:

Expansion of population. Some plants are known not to have occurred here in 1998 and 1999 (as site was commonly passed through or by during studies).
 Have you observed this species at this site in previous years? **NO**
 Please give details:

Plants are known to be recent colonizers (at least part of population).

SITE PHYSIOGRAPHY

Elevation: **298M**

Topographic position (crest, upper slope, mid slope, **lower slope**, bottom?):

Aspect (north, south, **east**, west, flat?):

Slope (**0-20 degrees**, 20-45 degrees, 45-75 degrees, vertical?):

Light (**open**, filtered, shade?):

Moisture (inundated, **wet**, mesic, dry, xeric?): becoming mesic in later season
 in early season

Soil types:

Surficial rock types (with percent of ground covered):

Bedrock/parent material: **unknown**

Surficial water (distance away and source): **Hausstonic River, 60 meters**

MANAGEMENT/OWNERSHIP:

MNHESP Site Name (if any):

Managed Area (if any):

Comments/Management recommendations:

Maintain mowing/clearing practice that continues open field habitat.

Disturbance or threats (natural or unnatural) to population:

Land Owner's Name, Address, and Phone:

unknown

Ownership Comments:

ELEMENT OCCURRENCE (EO) SUMMARY

(Circle one choice in each category)

EO Quality

How representative is this occurrence? Consider the size and productivity of the population and the vitality and vigor of the individuals.

A - Excellent B - Good **C** - Marginal D - Poor

Comments: **relatively small population**

EO Condition

Is the habitat supporting the EO pristine or degraded? Is there a potential for the habitat to recover from disturbances?

A - Excellent B - Good C - Marginal **D** - Poor

habitat has been disturbed and abundant non-native species are present

Comments:

EO Viability

What are the long-term prospects for continued existence of this occurrence at the indicated level of quality?

A - Excellent B - Good ☒ C - Marginal D - Poor

Comments: Site will succeed to shrubs if not maintained

EO Defensibility

Can this occurrence be protected from extrinsic human factors?

A - Excellent B - Good ☒ C - Marginal D - Poor

Comments:

EO RANK

A summary of all factors listed above.

A - Excellent B - Good ☒ C - Marginal D - Poor

Comments:

ADDITIONAL COMMENTS (if any)

CERTIFICATION

I hereby certify under pains and penalties of perjury that the information contained in this report is true and complete to the best of my knowledge.

Signature: *Arthur Haines*

Date: 3 October 2000

Please submit form, a copy of a USGS topo map showing plant location, and all supporting documentation to the State Botanist at:

Massachusetts Natural Heritage & Endangered Species Program
Division of Fisheries & Wildlife
Route 135
Westborough, MA 01581
(508) 792-7270 ext 200

Thank you for contributing to the Natural Heritage & Endangered Species Program database. Your efforts are valuable and appreciated.

EAST LEE, MASSACHUSETTS

73° 15'
42° 22' 30"

645000E

848

Scripus
pendulus

